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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/646,458	
	Filing Date	August 22, 2003	
	First Named Inventor	Kenneth COLLINS, et al.	
	Art Unit	1763	
	Examiner Name	Unknown	
Total Number of Pages in This Submission	4	Attorney Docket Number	006915 P01

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Group
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<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Robert M. Wallace Reg. No. 29,119
Signature	<i>Robert M. Wallace</i>
Date	05/21/04

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Typed or printed name	Shelly Hart
Signature	<i>Shelly Hart</i>
Date	05/24/2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT

Attorney Docket No. 6915 P01  
RW Ref. No. APM/001-02-CP1-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re Application of: )  
Kenneth COLLINS, et al. ) Group Art Unit: 1763  
)  
Entitled: PLASMA IMMERSION ION ) Examiner: Unknown  
IMPLANTATION APPARATUS INCLUDING PLASMA )  
SOURCE HAVING LOW DISSOCIATION AND LOW )  
MINIMUM PLASMA VOLTAGE )  
)  
Serial No.: 10/646,458 )  
)  
Filing Date: August 22, 2003 )

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97(b)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Attached hereto is Form PTO-1449 listing documents believed relevant to the subject application. It is respectfully requested that these documents be made of record and an initialed copy of each form be returned to the undersigned.

No representation is made that more pertinent material is not available or should not be considered by the Examiner. It is expected that the Patent and Trademark Office will independently conduct a complete search of appropriate art. Furthermore, no admission is being made that these documents are prior art, and applicant reserves the right to challenge any such consideration.

It is believed that this disclosure complies with the requirements of 37 CFR 1.56, 1.97, and 1.98, and the Manual of Patent Examining Procedures, section 609 and 707.05. If for some reason the Examiner considers otherwise, it is respectfully requested that the undersigned be called so that any deficiencies can be remedied.

A copy of each foreign patent document and/or non-patent literature is enclosed. Some of the documents may have markings on them. No significance is meant to be attached to the markings. These documents are not necessarily analogous art.

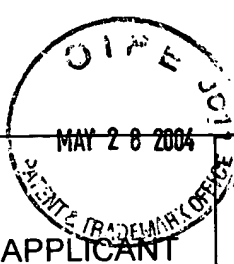
Respectfully submitted,



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Dated: 05/21/04

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INFORMATION  
DISCLOSURE  
STATEMENT BY APPLICANT

Sheet 1 of 1

Application Number: 10/646,458  
Filing Date: August 22, 2003  
First Named Inventor: Kenneth COLLINS, et al.  
Group Art Unit: 1763  
Examiner Name: Unknown  
Attorney Docket Number: 006915 P01

U. S. PATENT DOCUMENTS

Examiner Initials	Document No	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
	US-5,074,456	12-24-1991	DEGNER ET AL.	228	121	09-18-1990
	US-5,653,811	08-05-1997	CHAN	118	723	07-19-1995
	US-6,000,360	12-14-1990	KOSHIMUZU	118	723	07-02-1997
	US-6,392,351 B1	05-21-2002	SHUNKO	315	111.51	05-03-1999
	US-6,679,981 B1	01-20-2004	PAN ET AL.	204	298.06	05-11-2000

FOREIGN PATENT DOCUMENTS

Examiner Initials	Foreign Patent Document	Publication Date	Country	Name of Patentee or Applicant of Cited Document	Translation? (Yes/No/n/a)

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	

Examiner's Signature:

Date Considered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.